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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of the claims in the application:

1-6.   (canceled)

7.   (currently amended) A golf ball comprising:

a first hemisphere having a sinusoidal surface; and

a second hemisphere having a sinusoidal surface, the second hemisphere being coupled to the first hemisphere along a parting line, the parting line having a sine wave configuration,

wherein the golf ball having an includes an outersphere and an innersphere concentric with the outersphere, the outersphere having a diameter of at least 1.68 inches, and an the innersphere having a diameter of between 1.662 inches and 1.666 inches, each of the sinusoidal surfaces extending between the innersphere and the outersphere.

8.   (canceled)

9.   (currently amended) The golf ball according to claim 7, wherein each of the sinusoidal surfaces includes a plurality of sine waves overlapping to define the sinusoidal surface, at least one of the plurality of sine waves having a bottom of the sine wave located on the innersphere and apices located on the outersphere.

10.   (original) The golf ball according to claim 9, wherein the width of each of the apices is in the range of 0.0001 inch to 0.001 inch.

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11.   (original) The golf ball according to claim 9, wherein at least one of the sine waves has a frequency different from that of another sine wave.

12.   (original) The golf ball according to claim 7, wherein each of the sinusoidal surfaces is a helical sinusoidal surface.

13.   (new) A golf ball comprising:

a first hemisphere having a sinusoidal surface; and

a second hemisphere having a sinusoidal surface, the second hemisphere being coupled to the first hemisphere along a parting line,

wherein the golf ball includes an outersphere and an innersphere concentric with the outersphere, the outersphere having a diameter of at least 1.68 inches, the innersphere having a diameter of between 1.662 inches and 1.666 inches, each of the sinusoidal surfaces extending between the innersphere and the outersphere and including a plurality of sine waves overlapping to define the sinusoidal surface, at least one of the plurality of sine waves having apices located on the outersphere, and at least one of the sine waves having a frequency different from that of another sine wave.

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